

Title (en)

METHODS AND DEVICES FOR RATIOMETRIC CHARACTERIZATION OF FLUORESCENT PARTICLES

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR RATIOMETRISCHEN CHARAKTERISIERUNG VON FLUORESZIERENDEN PARTIKELN

Title (fr)

PROCÉDÉS ET DISPOSITIFS DE CARACTÉRISATION RATIOMÉTRIQUE DE PARTICULES FLUORESCENTES

Publication

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Application

**EP 22735919 A 20220630**

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Abstract (en)

[origin: WO2023275274A1] The present invention relates to devices and methods for the characterization of fluorescently labeled particles in solution by analyzing alterations in the fluorescence spectrum of the fluorescently labeled particles. In particular, a sample of fluorescently labeled particles is analyzed under different conditions/ environments by fluorescent excitation and detection of the corresponding fluorescence emissions. The particles are characterized by analyzing the detected fluorescence emissions under these different conditions/ environments. More specifically, the present invention relates to methods and devices for ratiometric characterization of inter- and/or intramolecular interactions, and/or conformational modifications and/or localization of fluorescently labeled particles.

IPC 8 full level

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